FilmL.A., Inc.
6255 W Sunset Blvd, 12th Floor
Hollywood, CA 90028
t: (213)977-8600 - f: (213)977-8601
www.filmla.com

Summary Information

Permit No: F00165564-D **Type of Permit:** FILMING **Release Date:** 11/06/2020

Production Company	TWENTIETH CENTURY FOX TELEVISION
Insured Company Name	THE WALT DISNEY COMPANY, FOX ENTERTAINMENT GROUP, LLC, TWENTIETH CENTURY FOX FILM CORPORATION, FOX TELEVISION STUDIOS, INC AND THE SUBSIDIARIES AND DIVISIONS
Contact Phone No. 1	310-369-1000
Contact Phone No. 2	310-696-5734
Fax	
Address	10201 W PICO BLVD, BUILDING 1 LOS ANGELES, California 90064
Production Title	LONE STAR
Type of Production	TV Drama

Producer	Scott White
Director	TBD TBD
1st AD	TBD TBD
Production Manager	Chris Hayden
FilmL.A. Coordinator	Sarah Neubauer
Location Manager	Michael Paolilo
Primary Phone	Mobile - 310-493-1671
Secondary Phone	
Location Assistant	N/A N/A
Primary Phone	Mobile - 555-555-5555
Secondary Phone	

Fees

Posting 1800	$414.00
Notification Charge	$173.00
LA CITY LANE AND STREET CLOSURE FEE	$312.00
LA CITY FIRE SAFETY OFFICER	$1,635.00
LAUSD STANDARD DEPOSIT	$500.00
LAUSD PARKING BASECAMP CATERING USE FEE	$1,000.00
LAUSD PARKING ELEMENTARY SCHOOL FULL DAY	$1,365.00

Total Permit Fee $5,399.00

Number of Locations 1

NOT A PERMIT

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Summary Information

Location

Location 1 of 1

Permit Number F00165564-D
Production Company TWENTIETH CENTURY FOX TELEVISI...
Insured Company THE WALT DISNEY COMPANY, FOX E...
Production Title LONE STAR

Location Manager Michael Paolilo
Primary Phone Mobile - 310-493-1671
Secondary Phone

Location Address 14130 Riverside Dr, Los Angeles, CA, 91423

Location Type Office Building

Location Description *This information is for historical reference only. Please access GIS for up-to-date information.
SUNKIST HEADQUARTERS

Prep Dates 11/9/2020 - 11/9/2020 07:00 - 19:00 1 day

Film Dates 11/10/2020 - 11/10/2020 05:00 - 19:00 1 day

Strike Dates 11/11/2020 - 11/11/2020 07:00 - 19:00

Open or Closed to the Public Closed

Generic Conditions *** MUST COMPLY WITH ATTACHED REOPENING PROTOCOL FOR MUSIC, TELEVISION AND FILM PRODUCTION: APPENDIX J EFFECTIVE AS OF FRIDAY, JUNE 12, 2020.***
THE CONSUMPTION OF ALCOHOLIC BEVERAGES AND THE USE OF DRUGS, INCLUDING MARIJUANA, ON LOCATION BY ANY CAST, CREW, OR INVITED GUESTS IS STRICTLY PROHIBITED.
*LA CITY AND/OR LA COUNTY FIRE CHECKLIST ATTACHED TO FINAL PERMIT. THE PERMITTEE IS RESPONSIBLE FOR COMPLETING CHECKLIST PRIOR TO FILMING ACTIVITY AT THIS LOCATION. NON COMPLIANCE MAY RESULT IN ASSIGNMENT OF A FIRE OFFICER.
*LAFD UFSO: Company must contact FilmL.A. for extension of the Uniformed Fire Safety Officers' hours. During normal business hours, UFSO must also inform the LAFD Film desk of the extension.
Community Survey Obtained
Equipment staging and vehicles may park on one side of the street only.
FAA (UAS): Failure to adhere to any applicable limitations of UAS usage will result in immediate shutdown of UAS activity
FAA (UAS): Production company must notify Air Operations for LAPD (213-485-2600) and LAFD (818-756-8635) at least 1/2 hour prior to activity.
FAA (UAS): UAS may not be operated directly over any person, unless authorized by FAA
FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level
FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset).
FAA (UAS): UAS Operator must conform with all FAA Regulations
FAA: Company must notify Air Operations for LAPD (213-485-2600) and LAFD (818-756-8635) at least 1/2 hour prior to activity.
FAA: LAPD Air Support Division has been notified by FILM LA of aerial activity
Must Maintain 5' Clearance on Sidewalks/Walkways
Must maintain local/emergency access
No cast or crew parking on area streets
No interference with merchant activity.
No Parking in handicap spaces at anytime.
Notify LAPD Van Nuys Division (818) 374-9500 and comm. (213) 978-6552 1/2 hour prior to any gunfire, brandishing weapons, special effects or simulated emergency or criminal activity.
Number of uniformed officers listed on the permit is a minimum requirement. Permittee remains responsible for deploying a sufficient number of uniformed officers to provide traffic and crowd control to ensure the safety of the film crew and the public.

Please see attached documents 165564_FULL_STANSBURY_HUSTON_RIVERSIDE_ Layout1 (1).pdf
DRONE DOCS - RIVERSIDE smallest.pdf

Equipment on Location

Type	Quantity
5 or 10 ton trucks	6

Personnel on Location

Type	Quantity
Cast	15
Crew	100

NOT A PERMIT

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Summary Information

Location

Permit Number F00165564-D
Production Company TWENTIETH CENTURY FOX TELEVISI...
Insured Company THE WALT DISNEY COMPANY, FOX E...
Production Title LONE STAR

Location Manager Michael Paolilo
Primary Phone Mobile - 310-493-1671
Secondary Phone

Cast/Crew vehicles	160	Extras	70
Catering Truck	3	LA City UFSO assigned	47674
Condors	2	Off-Duty/Retired LAPD Officer(s)	4
Cranes	1	Spot Check	1
Picture vehicles	10		
Scissor Lifts	1		
Semi Trucks	5		
Stakebed Trucks	4		
Trailers	8		
Vans	6		

Filming Activities Aerial Photography with remote control aircraft. (UAS); Brandishing weapons; Drive ups & away; Driving shots; Emergency vehicles with flashing lights; Equipment on sidewalk, in curb lane & across street; Interior and exterior dialogue; Intermittent pedestrian control; Intermittent traffic control - 2 minute standard (except 0700-0900 hrs & 1500-1900 hrs); Intermittent traffic control - 2 minutes standard; Talent in police uniforms; Wetdown; Stunt Driving on property; 61-Ton tank runs over picture car on property ; Tank at Sunkist Building ; Clear Trader Joes for sound and move deliveries; Dropping off tank on 11/9 and picking up 11/11; Prop Fire Hydrant shooting water High in the air; Prop Canons; Picture Military Vehicles ; ITC on prep dates; Eco-friendly dust effect on Stansbury Ave; Armored Picture Vehicle driving on Stanbury Ave;

Jurisdiction **Political:** Los Angeles City - Council District 04 **Police:** Los Angeles Police **Fire:** Los Angeles City Department

Thomas Guide **Page:** 562 **Grid:** B4

Approvals

FILML.A. CLOSURES	Jennifer Morelos
LOS ANGELES CITY DEPARTMENT OF PUBLIC WORKS	LaMeisha Candler
LOS ANGELES CITY POLICE DEPARTMENT	Melissa Hernandez
LOS ANGELES CITY FIRE DEPARTMENT - FILM UNIT	Carlos Morel

Coordinator Note CCO
Erica McIntosh
310-969-3514 office.
562-243-2913 cell

Coordinator Note RIDER D RELEASES LOCATION

Parking

Base Camp
Location Type : Other Location
14006 Riverside Dr, Sherman Oaks, CA, 91423

Crew Parking
Location Type : Other Location
14006 Riverside Dr, Sherman Oaks, CA, 91423

Parking Notes
Background Parking at 14006 Riverside Dr

Posting "No Parking" signs S/S RIVERSIDE DR, CALHOUN AVE - HASELTINE AVE
B/S STANBURY AVE, HUSTON ST - RIVERSIDE DR.
S/S HUSTON ST, STANSBURY AVE - WEST 100'

NOT A PERMIT

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Summary Information

Location

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Insured Company THE WALT DISNEY COMPANY, FOX E...
Production Title LONE STAR

Location Manager Michael Paolilo
Primary Phone Mobile - 310-493-1671
Secondary Phone

Approximate Footage 1501 - 1800 **Log Number** 290582
Date(s) 11/9/2020 to 11/11/2020 **Time(s)** 00:00 to 00:00
Lane / Full Closure FULL CLOSURE STANBURY AVE, HUSTON ST - RIVERSIDE DR. (LOCAL ACCESS OKAY)
Approximate Footage 0 - 300
Date(s) 11/10/2020 to 11/10/2020 **Time(s)** 09:00 to 15:00

NOT A PERMIT

FILM LA COORDINATOR: SARAH NEUBAUER
FILM LA PERMIT # F-165564

CLOSURE INFO:

FULL CLOSURE OF STANSBURY AVE
FROM RIVERSIDE DR-HUSTON ST

11/10, 0900-1500

20TH CENTURY FOX TV
"LONESTAR"
LOCATIONS CONTACT:
CHRIS AGNEW 323.260.4777(4PPS)

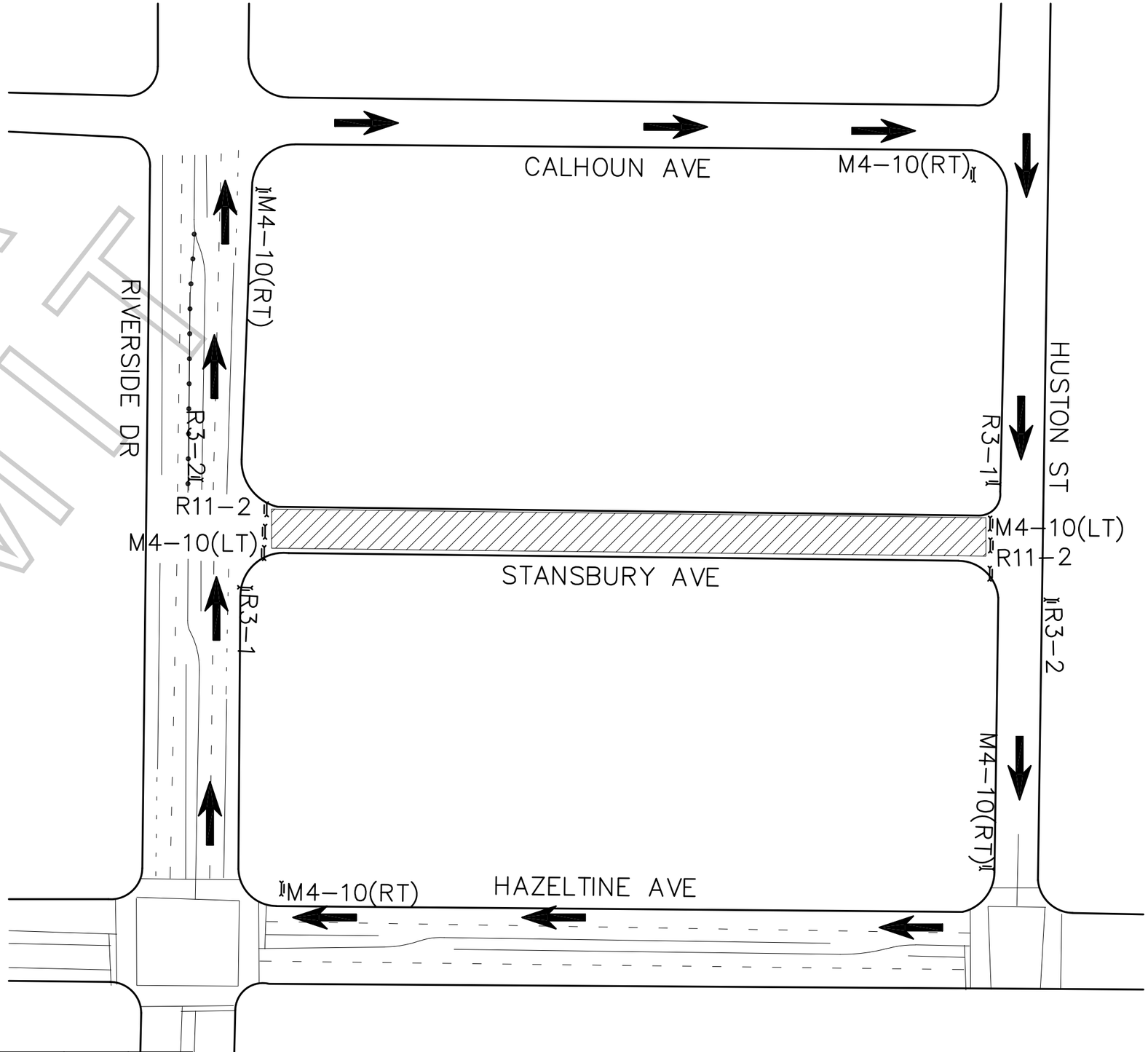
GENERAL NOTES:

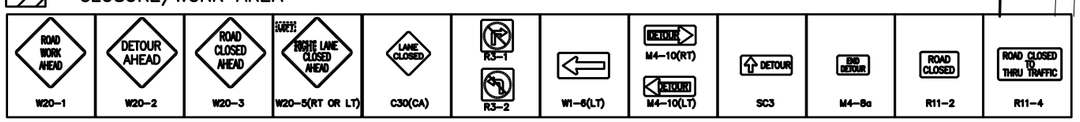
1. ALL SIGNING, STRIPING, AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATIONS, CALIFORNIA M.U.T.C.D., AND ANY ADDENDUMS THERTO, AND AS SHOWN ON THESE PLANS.
2. THERE SHALL BE NO INTERFERENCE WITH TRAFFIC SIGNALS OR CROSSWALKS.
3. CONES SHALL BE 28" MINIMUM HEIGHT AND SHALL HAVE REFLECTORIZED SLEEVES FOR NIGHT WORK.
4. POLICE SHALL DIRECT TRAFFIC AS NECESSARY.

TCP DRAWN BY:
ISMAEL RODRIGUEZ
PACIFIC TRAFFIC CONTROL, INC.
323.981.0600 PH.
LIC # 944488

LEGEND:

ADVANCE WARNING SIGN
SIGN ON TYPE I BARRICADE
TRAFFIC CONE 28" (REFLECTIVE)
DETOUR ROUTE
CLOSURE/WORK AREA





NOT A PERMIT

Permit #F00165564-D

UAS QUESTIONNAIRE

FilmL.A. Permit #:

(FOR MORE THAN 2 LOCATIONS, PLEASE LIST ADDITIONAL LOCATIONS, DATES, AND TIMES ON A SEPARATE PIECE OF PAPER)

Film Date: 11.10.20 Production Title: Lonestar

Production Company: TCFTV Applicant Name: Mike Fortin

Location Address: 14130 RIVERSIDE DR SHERMAN OAKS,91423 Hours of UAS Activity: 7am - 7pm

Location Address #2: Hours of UAS Activity:

UAS Company Name: CineDrones LLC - 17800 S. Main St. #406 Gardena, CA 90248

UAS ON LOCATION INFORMATION

ANY RESTRICTED AREAS OR TEMPORARY FLIGHT RESTRICTIONS? ☐ YES ■ NO

UAS Make & Model: DJI Inspire 2 UAS "N" # or registration #: FA3CE774NK

UAS Make & Model: DJI INSPIRE 2 UAS "N" # or registration #: FA3WYRNYEN

Class of Airspace that activity will occur in: ☐ B ■ C ☐ D ☐ E ☐ G

REMINDER: IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

UAS OPERATING AUTHORITY:

■ 14 CFR PART 107 ☐ TITLE 49 (STUDENTS ONLY)

PART 107 REQUIREMENTS

Name of Remote Pilot: Mike Fortin; Bryan Cheney Certificate #: 3902694; 4146773

Remote Pilot Phone #: 310.905.9195; 323.376.4355 Visual Observer: ■ YES ☐ NO

PLEASE PROVIDE THE FOLLOWING:

- Copy of Remote Pilot's Certificate
- Copy of UAS Registration Certificate for each UAS listed above
- Description of Planned Operations

TITLE 49 REQUIREMENTS (STUDENTS ONLY)

Applies to **students enrolled at an accredited educational institution**, operating under "Hobbyist" rules. **May not be used for any commercial filming.**

Name of Operator: Operator's Phone #:

Name of School:

PLEASE PROVIDE THE FOLLOWING:

- Copy of UAS Registration
- Detailed description of proposed UAS activities
- Name of community-based organization's safety guidelines under which you will be operating
- Required insurance
- Certification letter from school (on school stationary)

WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A. **Please note, students may not apply for FAA waivers under Title 49.**

☐ Flight over non-participants (§107.39) ☐ Flight altitude restrictions (§107.51) ■ Night Flight (§107.29)

☐ Operating from a moving vehicle (§107.25) ☐ Operating multiple small UAS' (§107.35)

FILMLA. USE ONLY

PART 107 CERTIFICATE

- ☐ INSURANCE
- ☐ DOCS ATTACHED TO PERMIT
- ☐ REMOTE PILOT CERTIFICATE
- ☐ UAS REGISTRATION CERTIFICATE(S)
- ☐ WAIVERS
- ☐ DESCRIPTION OF OPS.
- ☐ ATC COORDINATOR NOTE

TITLE 49 REQUIREMENTS

- ☐ UAS REGISTRATION
- ☐ DESC. UAS ACTIVITIES
- ☐ COMMUNITY GUIDELINES
- ☐ INSURANCE
- ☐ SCHOOL LETTER

☐ _____ I ASSERT THAT ALL INFORMATION ON THIS FORM IS ACCURATE.

(APPLICANT)

UPDATED: 11/28/2018

NOT A PERMIT

I UNITED STATES OF AMERICA XI

DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME

MICHAEL HENRY FORTIN

V ADDRESS 11298 TAVENER AVE
CULVER CITY CA 90230-4530

VI NATIONALITY USA

IVa D.O.B. 26 FEB 1976

SEX	HEIGHT	WEIGHT	HAIR	EYES
M	77	220	RED	GREEN

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT

III CERTIFICATE NUMBER 3902694

X DATE OF ISSUE 29 AUG 2016

XIV

VIII ADMINISTRATOR

U A S

MICHAEL HENRY FORTIN

3902694

XII RATINGS

REMOTE PILOT
SMALL UNMANNED AIRCRAFT SYSTEM

XIII LIMITATIONS

U A S

VII SIGNATURE OF HOLDER

SAMPLE

Permit #F00165564-D

I **UNITED STATES OF AMERICA** XI

DEPARTMENT OF TRANSPORTATION ▪ FEDERAL AVIATION ADMINISTRATION

IV NAME
BRYAN PATRICK CHENEY

V ADDRESS 1019 SULLIVAN DR
WHITE BLUFF TN 37187-4903

U

VI NATIONALITY USA	SEX	HEIGHT	WEIGHT	HAIR	EYES
IVa D.O.B. 1 MAY 1991	M	77	195	BROWN	GREEN

A

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT

III CERTIFICATE NUMBER 4146773

X DATE OF ISSUE 21 JUN 2018

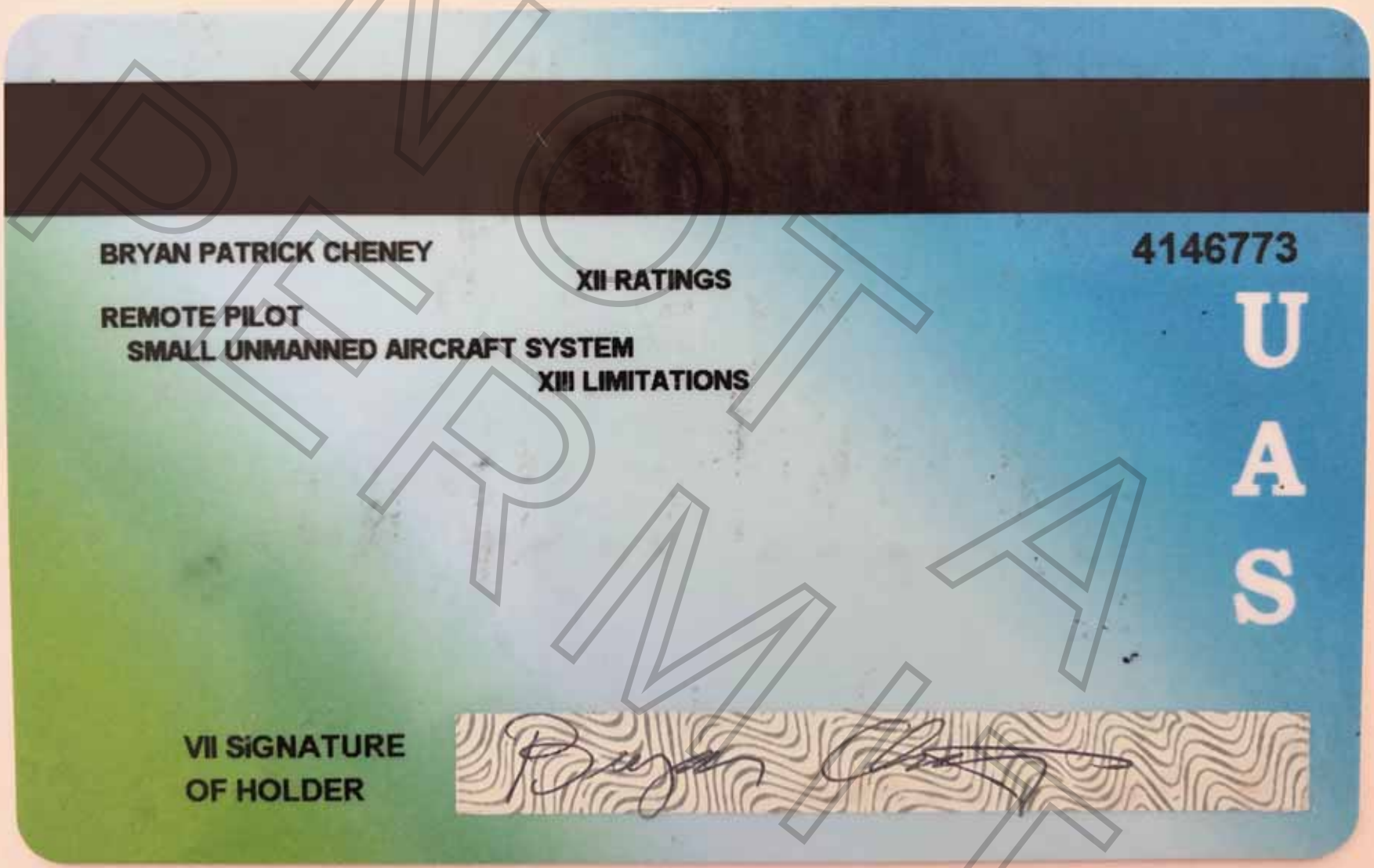
S

XIV OK Elwell

VIII ACTING ADMINISTRATOR

SPECIMEN

Permit #F00165564-D



DO NOT PERMIT

Permit #F00165564-D

Small UAS Certificate of Registration

Name: CineDrones

Manufacturer: DJI

Model: INSPIRE 2

Serial Number: 09YDE3T00441446

Certificate Number: FA3WYRNYEN

Issued: 12/17/2018 Expires: 12/17/2021

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Federal Aviation Administration

NOT A PERMIT

Permit #F00165564-D

PERMIT NOT A

Small UAS Certificate of Registration

Name: CineDrones

Manufacturer: DJI

Model: INSPIRE 2

Serial Number: 09Y3G2T004H008

Certificate Number: FA3CE774NK

Issued: 04/10/2019 Expires: 04/10/2022

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Federal Aviation Administration

Permit #F00165564-D

Permit #F00165564-D

U.S. DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration
Airman Knowledge Test Report

NAME: BRYAN PATRICK CHENEY

FAA TRACKING NUMBER (FTN): C1189701 **EXAM ID:** 90062920205935162

EXAM: Unmanned General - Recurrent

EXAM DATE: 06/29/2020 **EXAM SITE:** LAS91404

SCORE: 95% **GRADE:** Pass **TAKE:** 1

The Airman Certification Standards (ACS) codes listed below represent incorrectly answered questions. These ACS codes and their associated Areas of Operation/Tasks/Elements may be found in the appropriate ACS document at http://www.faa.gov/training_testing/testing/acs.

A single code may represent more than one incorrect response.

UA.I.B.K1 UA.II.A.K2

EXPIRATION DATE: 06/30/2022

DO NOT LOSE THIS REPORT

AUTHORIZED INSTRUCTOR'S STATEMENT: (if applicable)
On _____ (date) I gave the above named applicant _____ hours of additional instruction, covering each subject area shown to be deficient, and consider the applicant competent to pass the knowledge test.

Name _____

Cert. No. _____ *(print clearly)*

Type of instructor certificate _____

Signature _____

FRAUDULENT ALTERATION OF THIS FORM BY ANY PERSON IS A BASIS FOR SUSPENSION OR REVOCATION OF ANY CERTIFICATES OR RATINGS HELD BY THAT PERSON.
ISSUED BY: PSI Services LLC
FEDERAL AVIATION ADMINISTRATION

THIS INFORMATION IS PROTECTED BY THE PRIVACY ACT. FOR OFFICIAL USE ONLY.

NOT A PERMIT

Skyward®
A Verizon company

An authorized intermediary for the Federal Aviation Administration USS program

Notice of Authorization

NOT A PERMIT

Operation Date
Tuesday, November 10th 2020

Pilot In Command
Mike Fortin
david@cinedrones.com
3173718497

Beginning Time
Tuesday, November 10th 2020 08:00 PST
(1600 UTC)

Ending Time
Tuesday, November 10th 2020 17:00 PST
(0100 UTC)

Conditions Of Authorization

- Maintain visual line of sight
- Aircraft speed not to exceed 100 mph
- Do not fly over non-participants
- Do not exceed maximum altitude
- Ensure there are no TFRs before flying
- The weather ceiling must be above 1,000 feet AGL when flying in Class E airspace
- Operations within 3nm of a stadium are generally restricted from 1 hour before until 1 hour after events
- Operations during civil twilight require anti-collision lighting visible for at least 3 statute miles

Airspace and maximum altitudes
1. **BUR 50^{ft} - FAA Ref#:** SKDPJOVONKF0

Need help?
Get Started!
8

Permit #F00165564-D

SKDPJOVONKF0 / BUR, Nov 10th, 2020, 16:00 UTC - Nov 11th, 2020, 01:00 UTC, Max Alt 50ft: In accordance with Title 14 CFR Part 107.41, your operation is authorized within the designated airspace and timeframe constraints. Altitude limits are absolute values above ground level which shall not be added to the height of any structures. This Authorization is subject to cancellation at any time upon notice by the FAA Administrator or his/her authorized representative. This Authorization does not constitute a waiver of any State law or local ordinance. Mike Fortin is the person designated as responsible for the overall safety of UAS operations under this Authorization. During UAS operations for on-site communication/recall, Mike Fortin shall be continuously available for direct contact at 3173718497 by ATC or designated representative. Remote pilots are responsible to check the airspace they are operating in and comply with all restrictions that may be present in accordance with 14 CFR 107.45 and 107.49 (a)(2), such as restricted and Prohibited Airspace, Temporary Flight Restrictions, etc. Operations are not authorized in Class E airspace when there is a weather ceiling less than 1,000 feet AGL. If the UAS loses communications or loses its GPS signal, it must return to a predetermined location within the operating area and land. The pilot in command must abort the flight in the event of unpredicted obstacles or emergencies.

Issue Date:

Tuesday, November 3rd 2020 02:01 UTC

Submitted By:

Mike Fortin
through Skyward.io

PENDING NOT A PERMIT

Permit #F00165564-D

107 MOTION PICTURE UAS PLAN OF ACTIVITIES

9-1-1 Lonestar

Date/Time: 11.10.20

Waiver Holder: CineDrones, LLC

Telephone: CineDrones Office: (310) 905-9195

Address: 17800 S Main St #406 Gardena, CA 90248

Exemption # 11279 **COA** # FAA-2014-0798-333E

sUAS Pilot/s: Michael Fortin; Bryan Cheney **Certificate:** #3902694 ; #4146773

Production Company: 20th Century Fox

Location of Flights: **14130 Riverside Dr Sherman Oaks, CA 91423**
34°09'23.4"N 118°26'28.0"W

Aircraft in Operation: DJI Inspire 2 (Registrations Attached Separately)

GENERAL OUTLINE: UAS will be used to film aerials below 400ft AGL in a secured and locked down area of referenced location. The UAS will have a secured safety takeoff and landing zone in which no one will be allowed within 50ft while operations are in progress except those individuals directly related to the UAS operations. All participants of the production will be involved in a safety brief and rehearsal. All non- participants will be avoided at all times

Permissions and Closures: All permissions and permits are in place and on file with locations coordinator and property owners. Local and or State Law Enforcement has been notified and in place for Interim Traffic Closure should it be needed. Production will lock down areas accessible by pedestrians. Film Permit is pending FAA POA approval.

ACCIDENT NOTIFICATION TELEPHONE NUMBERS:

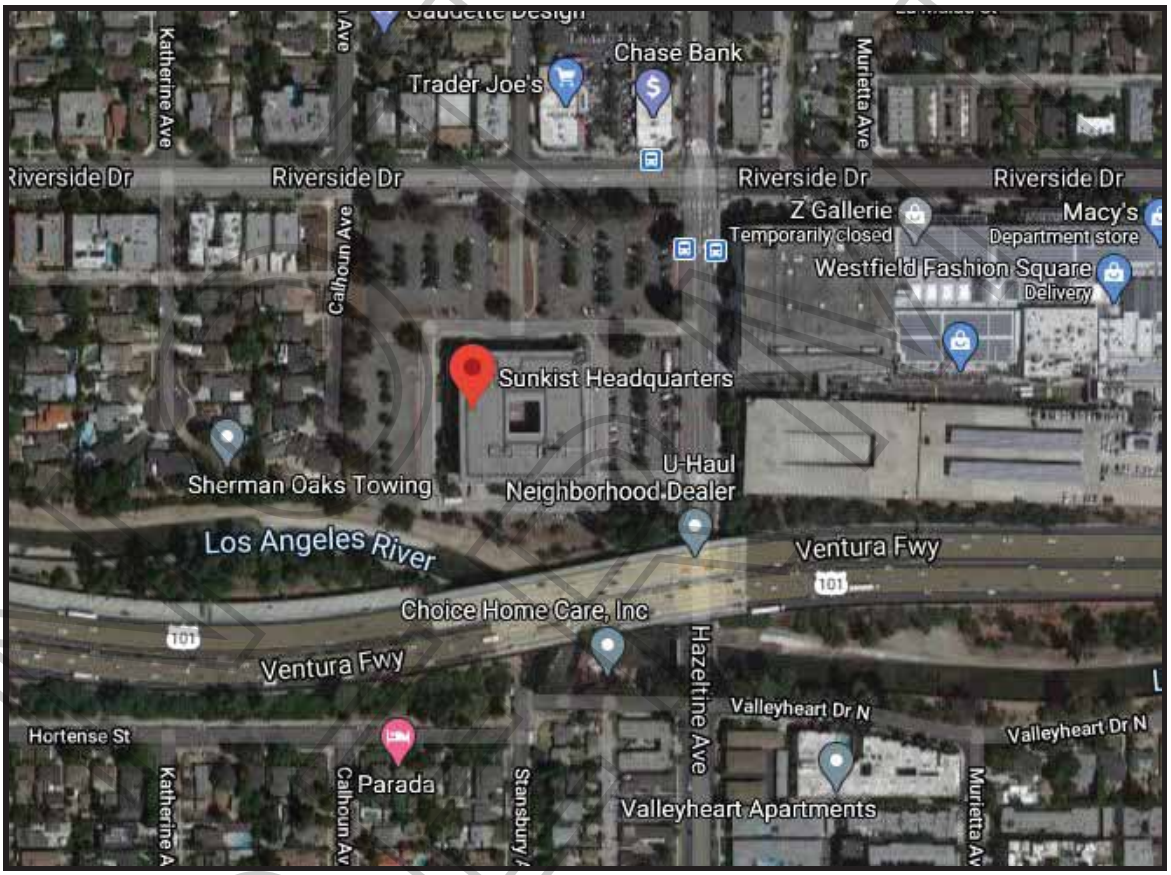
- NTSB WEST: 844-373-9922
- F.A.A. REGIONAL COMMUNICATIONS CENTER: 310-725-3580
- VNY FSDO: 818-904-6291

NOT A PERMIT

- LAX FSDO: 310-725-6600
- FRESNO FSDO: 559-454-0286 858-502-9882
- KSAN FSDO: 858-502-9882
- Emergency: 911

SIGNATURE:

Maps and Areas of Flight:



NOT A PERMIT

Certificate of Achievement

This is to certify that

Michael H Fortin

has successfully completed the

FAA Safety Team Aviation Learning Center Online Course

Part 107 Small Unmanned Aircraft Systems (Small Uas) Recurrent

Course Number ALC-515

Presented by Online Courses

December 4, 2018

Federal Aviation Administration

Certificate Number 0804541-20181204-00515

Valerie G Palazzolo, National Manager, FAA Safety Team

PROOF

Permit #F00165564-D

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER

Issued To: Bryan Cheney
Responsible Person: Bryan Cheney
Waiver Number: 107W-2019-03341

Address:
1019 Sullivan Dr
White Bluff, TN 37187

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Night small unmanned aircraft system (sUAS) operations.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.29—Daylight operation

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

NOTE—This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

SPECIAL PROVISIONS

Special Provisions Nos. 1 to 13, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from August 19, 2019, to August 31, 2023, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

General Aviation and Commercial Division, AFS–800

NOT A PERMIT

SPECIAL PROVISIONS ISSUED TO

Bryan Cheney

General

The FAA's Flight Standards Service has reviewed your application to ensure compliance with the requirements of 14 CFR § 107.200. The Administrator finds that the proposed sUAS operation can be conducted safely under the provisions of this Certificate of Waiver (Waiver) as listed below because you have established adequate mitigations for risks involved with operating your sUAS in the manner you described. Adherence to the provisions of this Waiver establishes the required level of safety within the national airspace system.

This Waiver may be canceled at any time by the Administrator, the person authorized to grant the Waiver, or the representative designated to monitor a specific operation. As a general rule, this Waiver may be canceled when it is no longer required, there is an abuse of its provisions, or when unforeseen safety factors develop. Failure to comply with any provision listed below is a violation of the terms of this Waiver and may serve as justification for cancellation.

List of Regulations Waived by Section and Title. The following regulations are waived:

14 CFR § 107.29, Daylight operation, is waived to allow sUAS operations during night.

No part of this waiver will function as an airspace authorization under 14 CFR § 107.41. The FAA's Air Traffic Organization responds directly to such requests.

Common Special Provisions. The Responsible Person is directly responsible for safety of operations conducted under this Waiver and will ensure the remote PIC, manipulator of the controls, and Visual Observer(s) (VO)[1] comply with all provisions of this Waiver.

1. The Responsible Person listed on the Waiver is responsible to the FAA for the safe conduct of the operations. Prior to conducting operations that are the subject of this Waiver, the responsible person:
   a. Must ensure the remote PIC, manipulators of the controls, and VO are informed of the terms and provisions of this Waiver and strictly observe the terms and provisions herein;
   b. Must ensure the remote PIC, manipulators of the controls, and VO are informed and familiar with part 107 regulations; and
   c. Evidence of the above (a and b) must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;

2. This Waiver may not be combined with any other waiver(s), authorizations(s), or exemption(s) without specific authorization from the FAA;

3. The FAA has the authority to cancel or delay any or all flight operations if the safety of persons or property on the ground or in the air are in jeopardy or there is a violation of the terms of this Waiver;

4. A copy of this Waiver must be accessible and available to the Remote Pilot in Command (remote PIC) at the ground control station during sUAS operations that are the subject of this Waiver;

[1] Title 14 CFR § 107.3 defines the term "visual observer." Any VO participating in operations conducted under this Waiver must meet the requirements listed in § 107.33 throughout the duration of flight operations.

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5. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in operations under this Waiver. This list must be presented for inspection upon request from the Administrator or an authorized representative;

6. The Responsible Person listed on this Waiver must maintain a current list of small unmanned aircraft (sUA) by registration number(s) used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative;

7. For the purposes of this Waiver, Direct Participants are the remote pilots in command (PICs), persons manipulating the controls, visual observers (VOs), and any persons whose involvement is necessary for safety of the sUAS operation. All other persons are considered non-participants;

Operations as defined in 14 CFR § 1.1, Specific Special Provisions. sUAS operations may be conducted under this waiver provided:

8. All operations under this Waiver must use one or more VO;

9. Prior to conducting operations that are the subject of this Waiver, the remote PIC and VO must be trained, as described in the Waiver application, to recognize and overcome visual illusions caused by darkness, and understand physiological conditions which may degrade night vision. This training must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;

10. The area of operation must be sufficiently illuminated to allow both the remote PIC and VO to identify people or obstacles on the ground, or a daytime site assessment must be performed prior to conducting operations that are the subject of this Waiver, noting any hazards or obstructions;

11. The sUA must be equipped with lighted anti-collision lighting visible from a distance of no less than 3 statute miles. The intensity of the anti-collision lighting may be reduced if, because of operating conditions, it would be in the interest of safety to do so;

12. ADS-B out (1090/978 MHz) may not be transmitted from the sUAS when operating pursuant to this Waiver; and

13. All emitters used in sUAS must be in compliance with all applicable FCC regulations and all provisions of the FCC authorization granted for the emitter. A FCC experimental authorization may not be used for sUAS operations under this Waiver.

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